

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Wed Dec 21 18:42:01 2016
 Response Via : Initial Calibration

Calibration Files

2.5 =BG025355.D 10 =BG025356.D 25 =BG025357.D 40 =BG025358.D 50 =BG025359.D 60 =BG025360.D 80 =BG025361.D

	Compound	2.5	10	25	40	50	60	80	Avg	%RSD
1) I	1,4-Dichlorobenzen...	-----ISTD-----								
2)	1,4-Dioxane	0.516	0.466	0.473	0.477	0.438	0.447	0.469	5.81	
3)	Pyridine	1.166	1.328	1.391	1.490	1.478	1.284	1.390	1.361	8.34
4)	n-Nitrosodimet...	0.781	0.739	0.844	0.879	0.858	0.732	0.821	0.808	7.20
5) S	2-Fluorophenol	1.127	1.086	1.097	1.132	1.168	1.016	1.077	1.100	4.40
6)	Aniline	1.938	2.110	2.130	2.210	2.240	1.997	2.074	2.100	5.16
7) S	Phenol-d6	1.375	1.530	1.590	1.672	1.659	1.460	1.561	1.550	6.85
8)	2-Chlorophenol	1.288	1.238	1.210	1.298	1.276	1.173	1.204	1.241	3.85
9)	Benzaldehyde	1.254	1.317	1.166	1.150	1.040	0.877	1.134	13.89	
10) C	Phenol	1.698	1.738	1.706	1.828	1.803	1.579	1.672	1.718	4.85
11)	bis(2-Chloroet...	1.372	1.440	1.302	1.373	1.320	1.192	1.267	1.324	6.13
12)	1,3-Dichlorobe...	1.485	1.537	1.482	1.579	1.546	1.409	1.475	1.502	3.76
13) C	1,4-Dichlorobe...	1.628	1.627	1.509	1.620	1.567	1.432	1.513	1.557	4.83
14)	1,2-Dichlorobe...	1.551	1.486	1.514	1.529	1.564	1.323	1.430	1.486	5.67
15)	Benzyl Alcohol	1.228	1.407	1.516	1.641	1.623	1.449	1.492	1.479	9.45
16)	2,2'-oxybis(1-...	2.506	2.456	2.477	2.579	2.544	2.230	2.367	2.451	4.85
17)	2-Methylphenol	1.058	1.137	1.124	1.196	1.202	1.065	1.114	1.128	5.04
18)	Hexachloroethane	0.583	0.622	0.559	0.651	0.623	0.562	0.585	0.598	5.82
19) P	n-Nitroso-di-n...	1.412	1.303	1.284	1.380	1.343	1.194	1.247	1.309	5.79
20)	3+4-Methylphenols	1.487	1.496	1.591	1.667	1.618	1.496	1.573	1.561	4.49
21) I	Naphthalene-d8	-----ISTD-----								
22)	Acetophenone	0.558	0.585	0.546	0.602	0.549	0.526	0.525	0.556	5.17
23) S	Nitrobenzene-d5	0.432	0.457	0.439	0.493	0.461	0.457	0.430	0.453	4.83
24)	Nitrobenzene	0.532	0.487	0.472	0.535	0.494	0.482	0.474	0.497	5.30
25)	Isophorone	0.783	0.817	0.822	0.896	0.822	0.817	0.780	0.820	4.65
26) C	2-Nitrophenol	0.186	0.179	0.184	0.208	0.193	0.194	0.185	0.190	5.03
27)	2,4-Dimethylph...	0.304	0.317	0.311	0.341	0.323	0.297	0.293	0.312	5.27
28)	bis(2-Chloroet...	0.487	0.428	0.407	0.438	0.425	0.407	0.389	0.426	7.37
29) C	2,4-Dichloroph...	0.292	0.338	0.337	0.362	0.342	0.338	0.331	0.334	6.33
30)	1,2,4-Trichlor...	0.418	0.412	0.400	0.424	0.394	0.399	0.378	0.404	3.85
31)	Naphthalene	1.005	1.034	0.980	1.076	1.001	0.961	0.933	0.999	4.73
32)	Benzoic acid	0.200	0.250	0.278	0.276	0.253	0.249	0.251	11.22	
33)	4-Chloroaniline	0.362	0.404	0.419	0.471	0.438	0.434	0.412	0.420	7.98
34) C	Hexachlorobuta...	0.339	0.345	0.324	0.350	0.318	0.318	0.312	0.329	4.57
35)	Caprolactam	0.122	0.132	0.121	0.135	0.126	0.124	0.119	0.126	4.79
36) C	4-Chloro-3-met...	0.391	0.445	0.398	0.452	0.416	0.396	0.388	0.412	6.40
37)	2-Methylnaphth...	0.717	0.736	0.725	0.801	0.764	0.735	0.704	0.740	4.39

Method Path : Z:\HPCHEM1\BNA_G\METHODS\
 Method File : 8270-BG122116.M

38) I	Acenaphthene-d10	-----ISTD-----								
39)	1,2,4,5-Tetrac...	0.655	0.674	0.648	0.697	0.643	0.670	0.636	0.660	3.21
40) P	Hexachlorocycl...		0.087	0.161	0.220	0.206	0.237	0.244	0.192	31.02
41) S	2,4,6-Tribromo...	0.320	0.331	0.313	0.347	0.317	0.316	0.310	0.322	3.99
42) C	2,4,6-Trichlor...	0.411	0.444	0.407	0.442	0.399	0.406	0.401	0.416	4.56
43)	2,4,5-Trichlor...	0.468	0.433	0.437	0.460	0.415	0.426	0.407	0.435	5.11
44) S	2-Fluorobiphenyl	1.323	1.299	1.229	1.281	1.180	1.184	1.152	1.235	5.38
45)	1,1'-Biphenyl	1.444	1.365	1.342	1.412	1.289	1.306	1.258	1.345	4.99
46)	2-Chloronaphth...	1.137	1.093	1.017	1.087	1.017	1.013	0.994	1.051	5.14
47)	2-Nitroaniline	0.389	0.431	0.447	0.482	0.454	0.463	0.439	0.444	6.59
48)	Acenaphthylene	1.747	1.646	1.627	1.694	1.599	1.576	1.513	1.629	4.73
49)	Dimethylphthalate	1.491	1.538	1.421	1.555	1.420	1.413	1.369	1.458	4.82
50)	2,6-Dinitrotol...	0.302	0.341	0.316	0.338	0.314	0.315	0.303	0.319	4.84
51) C	Acenaphthene	1.141	1.094	1.038	1.121	1.036	1.028	1.000	1.065	4.97
52)	3-Nitroaniline	0.298	0.307	0.307	0.332	0.303	0.302	0.295	0.306	4.01
53) P	2,4-Dinitrophenol		0.122	0.151	0.206	0.205	0.205	0.206	0.183	20.08
54)	Dibenzofuran	1.702	1.772	1.689	1.783	1.643	1.630	1.571	1.684	4.56
55) P	4-Nitrophenol	0.203	0.219	0.219	0.253	0.237	0.238	0.232	0.229	7.17
56)	2,4-Dinitrotol...	0.443	0.464	0.460	0.497	0.467	0.468	0.447	0.464	3.84
57)	Fluorene	1.429	1.517	1.392	1.477	1.364	1.368	1.325	1.410	4.83
58)	2,3,4,6-Tetrac...	0.508	0.481	0.444	0.491	0.456	0.452	0.430	0.466	5.96
59)	Diethylphthalate	1.662	1.589	1.511	1.612	1.469	1.451	1.410	1.529	6.10
60)	4-Chlorophenyl...	0.858	0.819	0.769	0.840	0.778	0.769	0.760	0.799	4.91
61)	4-Nitroaniline	0.259	0.304	0.293	0.360	0.322	0.311	0.307	0.308	9.93
62)	Azobenzene	1.484	1.525	1.445	1.576	1.462	1.426	1.403	1.475	4.06
63) I	Phenanthrene-d10	-----ISTD-----								
64)	4,6-Dinitro-2-...	0.116	0.125	0.140	0.160	0.147	0.145	0.138	0.139	10.45
65) c	n-Nitrosodiphe...	0.569	0.570	0.528	0.571	0.531	0.512	0.505	0.541	5.31
66)	4-Bromophenyl-...	0.243	0.266	0.247	0.263	0.241	0.232	0.236	0.247	5.24
67)	Hexachlorobenzene	0.311	0.283	0.279	0.295	0.280	0.271	0.263	0.283	5.60
68)	Atrazine	0.290	0.253	0.250	0.251	0.223	0.205	0.185	0.237	14.80
69) C	Pentachlorophenol	0.134	0.144	0.147	0.163	0.154	0.144	0.142	0.147	6.26
70)	Phenanthrene	1.094	1.090	1.053	1.083	0.997	0.965	0.932	1.031	6.37
71)	Anthracene	1.160	1.071	1.056	1.091	1.018	0.979	0.955	1.047	6.67
72)	Carbazole	1.002	0.967	0.960	0.984	0.917	0.874	0.853	0.937	6.07
73)	Di-n-butylphth...	1.270	1.214	1.167	1.206	1.131	1.063	1.016	1.152	7.75
74) C	Fluoranthene	1.455	1.436	1.397	1.415	1.346	1.269	1.210	1.361	6.74
75) I	Chrysene-d12	-----ISTD-----								
76)	Benzidine	0.556	0.549	0.527	0.530	0.491	0.439	0.399	0.499	11.87
77)	Pyrene	1.089	1.056	1.076	1.140	1.042	0.996	0.918	1.045	6.83
78) S	Terphenyl-d14	0.835	0.811	0.788	0.808	0.727	0.695	0.615	0.754	10.46
79)	Butylbenzylphth...	0.469	0.428	0.408	0.440	0.407	0.402	0.383	0.420	6.78
80)	Benzo(a)anthra...	1.156	1.176	1.134	1.196	1.096	1.057	0.995	1.116	6.38
81)	3,3'-Dichlorob...	0.453	0.447	0.440	0.467	0.427	0.413	0.385	0.433	6.38
82)	Chrysene	1.182	1.090	1.073	1.130	1.050	1.011	0.953	1.070	7.04

Method Path : Z:\HPCHEM1\BNA_G\METHODS\

Method File : 8270-BG122116.M

83)	Bis(2-ethylhex...	0.665	0.581	0.572	0.613	0.568	0.559	0.531	0.584	7.40
84) c	Di-n-octyl pht...	1.016	0.994	0.966	1.036	0.958	0.936	0.883	0.970	5.31
85)	Indeno(1,2,3-c...	1.442	1.342	1.325	1.458	1.349	1.324	1.279	1.360	4.83
86) I	Perylene-d12	-----ISTD-----								
87)	Benzo(b)fluora...	1.215	1.088	1.095	1.145	1.037	1.048	1.010	1.091	6.46
88)	Benzo(k)fluora...	1.118	1.055	1.060	1.125	1.027	1.021	0.971	1.054	5.16
89) C	Benzo(a)pyrene	1.134	1.063	1.054	1.113	1.028	1.009	0.977	1.054	5.28
90)	Dibenzo(a,h)an...	1.160	1.129	1.109	1.190	1.083	1.089	1.059	1.117	4.11
91)	Benzo(g,h,i)pe...	1.224	1.088	1.102	1.163	1.081	1.067	1.045	1.110	5.61

(#) = Out of Range